



Ceramic fibre packing

Article description: K271

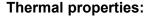
Article forms: Round or square

With and without any additionally preparations

Preparations: Graphite impregnation

Materials: Ceramic staple fibre, chrome wire or glass fibre reinforced

Contain up to 20% of viscose fibres (organic)



Ceramic fibre, chrome wire reinforced *

- Max. continuous temperature 1100 °C

- Short-term 1200 °C possible

Ceramic fibre, glass fibre reinforced *

- Max. continuous temperature 550 °C

- Short-term 650 °C possible

Ceramic fibre with graphite coating

- Max. continuous temperature 550 °C

- Short-term 650 °C possible

- The contained viscose fibres decompose above a temperature of about 200 °C
- The graphite impregnation begins to decompose above a temperature of about 450 °C

Chemical properties:

- Resistant to fats, oils, liquid metals as well as acids and weak alkalis
- Not resistant to hydrofluoric acid (HF) and phosphoric acid (H₃PO₄)

Applications:

For static applications e.g. for furnace, boiler and chimney doors, inspection hatches, tunnel kiln cars and as a seal for heat exchangers.

Application limits: Max. application limits see point thermal properties

Dimensions: 5 - 50 mm edge length quadratic or rectangular (tolerance +/- 10 %)

→ Larger size on request

Ø 5 - 50 mm (tolerance +/- 10 %)

The above information is based on the current state of our knowledge of the product and is made to the best of our knowledge and belief. A warranty claim cannot be derived from this information. All previous issues hereby lose their validity.

^{*} Observe mass loss at different decomposition temperatures of the carrier materials (chrome wire and glass fibre)